

DEPARTMENT OF THE INTERIOR
TOPOGRAPHICAL SURVEY OF CANADA

MAP OF MAIN SOIL TYPES SYLVAN LAKE DISTRICT

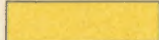



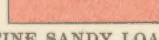
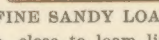
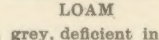
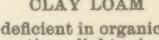
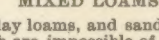
COMPRISING PART OF
CALGARY LAND DISTRICT

ALBERTA

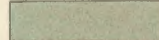

WEST OF FIFTH MERIDIAN

LEGEND

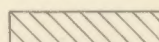
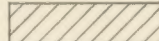
UPLAND SOILS

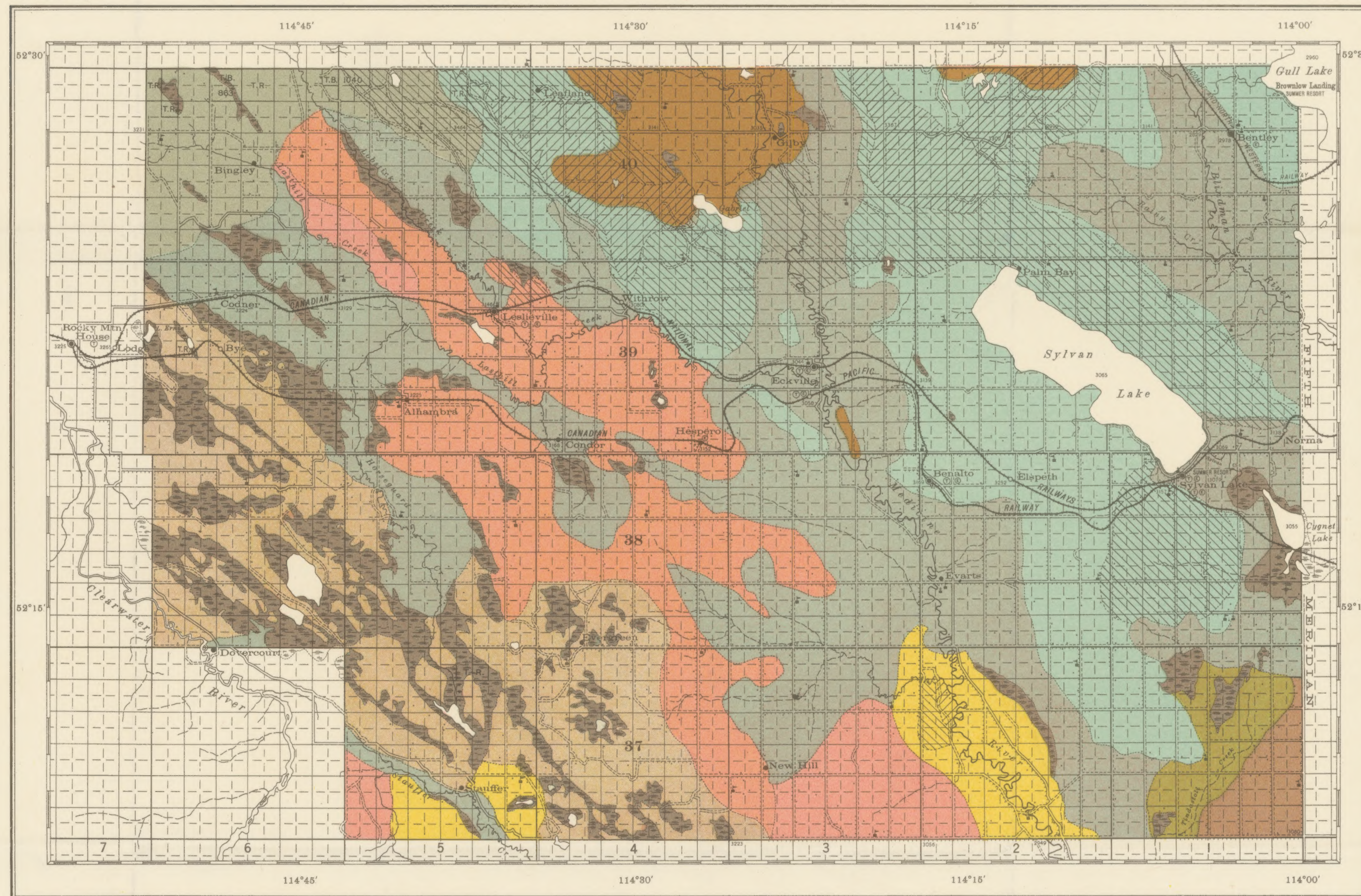
-  **SAND**
Deficient in organic matter, sometimes heavier in lower areas, wind blown in higher areas.
-  **SANDY LOAM**
Similar in texture to sand, moderately rich in organic matter and yielding good crops except in hilly areas.
-  **FINE SANDY LOAM**
Light brownish grey, deficient in organic matter with heavy subsoil approaching the surface in depressions, areas much cut up by bog and swamp.
-  **FINE SANDY LOAM**
Dark brownish grey, deficient in organic matter.
-  **FINE SANDY LOAM**
Dark or black, rich in organic matter.
-  **FINE SANDY LOAM**
Dark in colour, close to loam line, very rich in organic matter, heavier in depressions.
-  **LOAM**
Light brownish grey, deficient in organic matter very silty and of low fertility.
-  **CLAY LOAM**
Brownish grey, deficient in organic matter but quite productive, sometimes lighter in hilly areas.
-  **MIXED LOAMS**
Sandy loams, clay loams, and sands intermixed, the areas of which are impossible of accurate delineation.

RIVER AND LAKE VALLEY SOILS

-  **CLAY LOAM AND LOAM**
Black, rich in organic matter.
-  **PEAT AND MUCK**
In swamps and bogs, and to a depth of ten inches or more.

CHARACTER OF SURFACE

-  **ROLLING**
Surface in general not too steep for cultivation.
-  **HEAVY ROLLING OR HILLY**
Surface in general too steep for cultivation.



1924 EDITION

Scale 3 miles to an inch

COMPILED, DRAWN AND PRINTED BY THE TOPOGRAPHICAL SURVEY OF CANADA, OTTAWA

CONVENTIONAL SIGNS

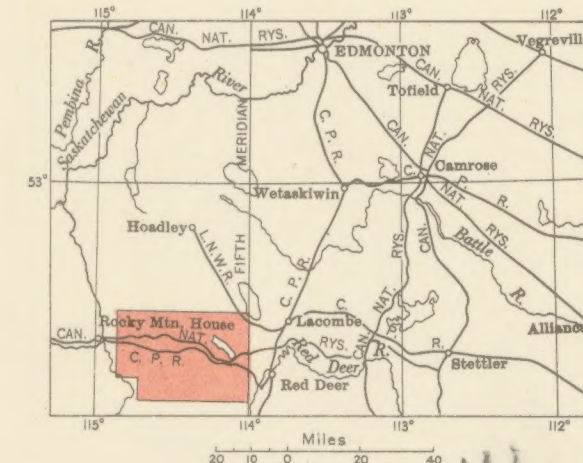
- | | | |
|---|---|------|
| Main through road..... | Non-perennial stream..... | |
| Secondary road..... | Elevation (in feet above mean sea level)..... | 1928 |
| Interprovincial boundary..... | Church..... | + |
| Railway station..... | School..... | + |
| Railway station and post office..... | Building..... | * |
| Town or village, railway station and post office..... | Elevator or elevators..... | • |
| Telegraph or telephone line..... | Post office..... | • |
| River 3 chains wide or over..... | Telegraph office..... | • |
| River, creek, brook, under 3 chains..... | Ferry..... | - |

Price 15 Cents

NOTE:—The soil constituents are determined by analyses at the Departmental Soils Laboratory from samples collected in the field, the results of which are correlated with the surface examination relative to topography, forest cover, and the general character of each quarter-section visited during the course of the Land Classification survey field investigation.

Soil boundaries do not follow regular courses, and are difficult of accurate delineation as the transition from one type to another is sometimes of considerable width. However, a series of field tests and the elimination of minor variations, have enabled the extensive types to be classified and mapped.

Copies of this map may be obtained at the local land offices and from the Topographical Survey of Canada, Ottawa.





Western Canada I-1 Sheet 501 (Soils)
1924
[Arch.]
Sylvan lake - soils

SOIL PROFILE (3 feet deep)

UPLAND SOILS

-  S
-  SI
-  Fsl
-  Lt Cl
-  Fsl
-  Fsl
-  Cl
-  L
-  Cl or C
-  Hy Cl or C
-  Ml

RIVER AND LAKE VALLEY SOILS

-  L
-  C or Cl

PROFILE LEGEND

- S—Sand
- SI—Sandy loam
- Fsl—Fine sandy loam
- L—Loam
- Cl—Clay loam
- C—Clay
- Ml—Mixed loams
- Lt—Light
- Hy—Heavy